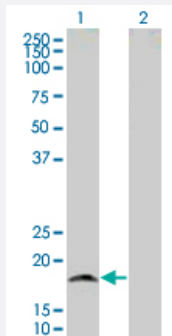


GRIA3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002892-T01

Size 100 uL

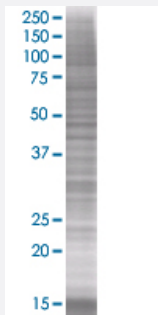
Applications



Western Blot

Lane 1: GRIA3 transfected lysate (16.1 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

GRIA3 transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-GRIA3 full-length

Host Human

Theoretical MW (kDa) 15.95

Quality Control Testing Transient overexpression cell lysate was tested with Anti-GRIA3 antibody ([H00002892-B01](#)) by Western Blots.
Western Blot
Lane 1: GRIA3 transfected lysate (16.1 KDa)
Lane 2: Non-transfected lysate.
SDS-PAGE Gel
GRIA3 transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — GRIA3

Entrez GeneID	2892
GeneBank Accession#	NM_181894
Protein Accession#	NP_871623
Gene Name	GRIA3
Gene Alias	GLUR-C, GLUR-K3, GLUR3, GLURC, MRX94
Gene Description	glutamate receptor, ionotropic, AMPA 3
Omim ID	305915
Gene Ontology	Hyperlink

Gene Summary	Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. These receptors are heteromeric protein complexes composed of multiple subunits, arranged to form ligand-gated ion channels. The classification of glutamate receptors is based on their activation by different pharmacologic agonists. The subunit encoded by this gene belongs to a family of AMPA (alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate)-sensitive glutamate receptors, and is subject to RNA editing (AGA->GGA; R->G). Alternative splicing at this locus results in different isoforms, which may vary in their signal transduction properties. [provided by RefSeq]
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Other Designations	OTTHUMP00000024261 OTTHUMP00000024262 dJ1171F9.1 glutamate receptor 3 glutamate receptor C glutamate receptor subunit 3
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Pathway

- [Long-term depression](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Autistic Disorder](#)
- [Cognition](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Mental Retardation](#)
- [Migraine Disorders](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Sexual Dysfunction](#)
- [Sexual Dysfunctions](#)
- [Sleep Disorders](#)
- [Weight Gain](#)